INTRODUCTION

A CO_2 incubator is a device designed to emulate the cells' natural environment by controlling physical parameters such as the temperature, humidity, CO_2, and O_2 levels for the optimum growth and development of cells. It is designed for high-quality incubation performance through the precise control of heating and gas injections combined with multiple contamination control and ergonomic features appropriate for safe incubation of many types of cells and tissues.

List of Applications

- Neuroscience
- Stem Cell Research
- *In Vitro* Fertilization
- Tissue Engineering
- Cancer Research
- Other Mammalian Cell Research



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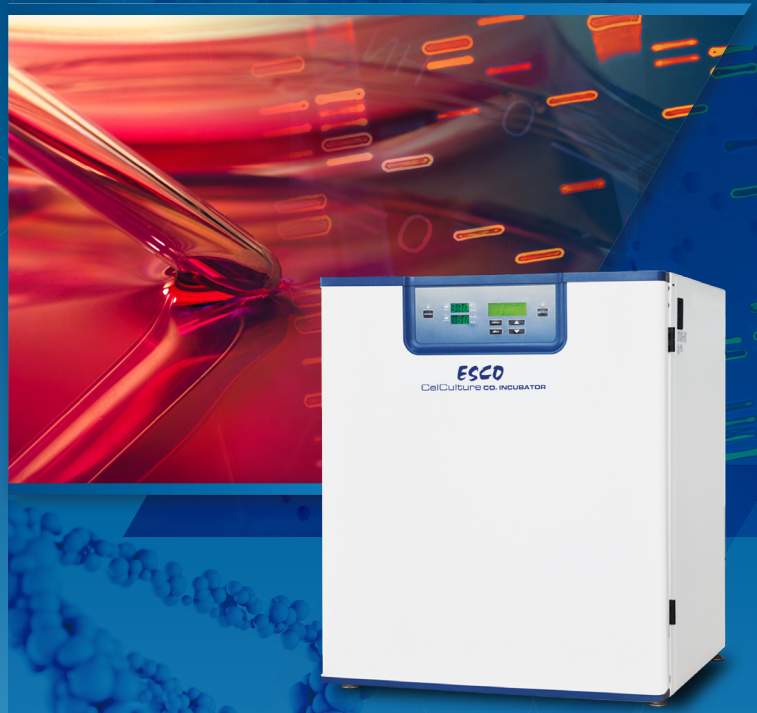
Fitra Check App
The World's First Chemical Evaluation App

Esco Social Media and Apps

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Esco CO_2 Incubators



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Esco CO_2 Incubators



Model:CCL-170B-_ (Standard model)

CelCulture® CO_2 Incubator*
Available in 50L, 170L , and 240L models

KEY FEATURES:

- Direct heat and air jacket
- Heat-resistant Infrared (IR) CO_2 sensor
- ULPA filtration system
- Inlet filter for gas inputs
- ISO Class 5 work zone
- Isocide™ antimicrobial powder coating
- Validated 90˚C moist heat decontamination cycle
- With suppressed O_2 control (CCL-_T-_ models)

OVERVIEW OF MODELS

CelCulture® CO_2 Incubator with Copper Interior Chamber*

- 5°C above ambient to 60°C
- 90°C moist heat decontamination cycle
- Pure solid copper interior
- Available in 50L, 170L, and 240L models



Model: CCL-170_-_-Cu

CelCulture® CO_2 Incubator with Integrated Cooling System*

- 8°C below ambient to 60°C
- 90°C moist heat decontamination cycle
- Highly efficient peltier cooling system
- Available in 170L and 240L models



Model: CCL-170_-_-P

CelCulture® CO_2 Incubator with Stainless Steel Exterior Cabinet*

- 5°C above ambient to 60°C
- 90°C moist heat decontamination cycle
- Corrosion-resistant surface
- Available in 50L, 170L, and 240L models



Model: CCL-170_-_-SS

CelCulture® CO_2 Incubator for *In Vitro* Fertilization

- 5°C above ambient to 60°C
- 90°C moist heat decontamination cycle
- With inner door kit for fast recovery of parameters
- Available in 50L, 170L, and 240L models



Model: CCL-170_-_-IVF

CelCulture® CO_2 Incubator with High-Temperature CO_2 Sensor

- 5°C above ambient to 60°C
- 90°C moist heat decontamination cycle
- High-temperature CO_2 sensor
- Available in 50L, 170L, and 240L models



Model: CCL-170_-_-HITEMP

CelCulture® CO_2 Incubator with High Heat Sterilization

- 5°C above ambient to 60°C
- 180˚C high heat sterilization cycle
- Heat-resistant sensors
- Available in 170L and 240L models



Model: CCL-170_-_-HHS

CelMate® CO_2 Incubator*

- 5°C above ambient to 60°C
- 90°C moist heat decontamination cycle
- Available in 50L, 170L, and 240L models



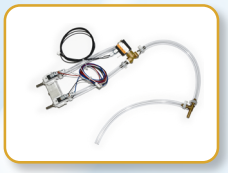
Model: CLM-170B-_-_

**Available with UV Lamp models*

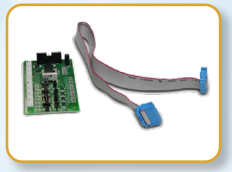
OPTIONS AND ACCESSORIES



Humidity Display



CO_2 Backup



Analog Output



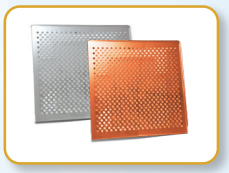
N_2 Backup



Floor Stand 200 mm (8.0”) with Adjustable Feet



2-Stage Gas Regulator for CO_2/N_2



Extra Shelf (Stainless Steel) for Standard Stainless Steel Chamber/ Standard Copper Chamber



2-Units Floor Stand



Electronic Analyzer



Chart Recorder